

**DEPARTMENT OF TRANSPORTATION****DIVISION OF ENGINEERING SERVICES**

Office of Structural Materials

Quality Assurance and Source Inspection



Bay Area Branch  
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Contract #: 04-0120F4Cty: SF/ALA Rte: 80 PM: 13.2/13.9File #: 69.yy**DAILY PROJECT JOURNAL****Prime Contractor:** American Bridge/Fluor Enterprises, a JV**Report No:** DPJ-000349**Contractor:** Zhenhua Port Machinery Company, Ltd (ZPMC), Changxing Island **Dated:** 15-Oct-2007**Location:** Changxing Island, Shanghai, China

**Submittals(New / Total):**      **CWR's:** /      **HSR's:** /      **NCR's:** /

Item	Title	Detail
1	Meetings attended	The Fabrication Update Brief was conducted at 11:00 today. Personnel from the Bay Area Toll Authority (BATA) were in attendance.
2	Other important observations	There was a meeting between upper management from ZPMC, ABF and CT conducted at 09:00 today. The topic of discussion was start of fabrication for the OBG bottom and side panels.
3	Meetings attended	<p>The ZPMC Daily Meeting was conducted at 13:00 today. CT raised the issue of ZPMC performing work on the shear link for the tower mock-up. ZPMC was welding HPS to 345 steel using undermatching filler metal when overmatching filler metal is called for. ZPMC stated that they will issue an NCR and develop a proposal to correct the problem. Work on the shear link was not shown on the fabrication schedule.</p> <p>The tack welding for the closed rib weld trials was discussed. It was clarified that the longest tack weld qualified in the weld trial will be the shortest tack weld to be used in production. It was clarified that the shortest spacing between tack welds will be the longest spacing between tack welds to be used in production.</p> <p>CT provided comments on the floorbeam diaphragm plate to closed rib connection that was seen on one of ZPMC's internal deck panel mock-ups. CT suggested that the Contractor should start considering issues about the profile of the diaphragm plate cut-out and the NDT of the connection.</p> <p>CT will research the Contract Plans to find locations where reinforcing fillet welds are not required.</p> <p>CT stated that, as a rule of thumb, NDT after heat straightening shall include areas within 75 mm of the heat affect zone.</p>
4	Other important observations	<p>Closed ribs to be used for the closed rib weld trials were inspected. ABF/ZPMC measurements were verified. Areas of interest for destructive</p>

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## DAILY PROJECT JOURNAL

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testing were marked up.

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<b>Reviewed By:</b>	Lowry,Patrick

Quality Assurance Inspector
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QA Reviewer
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